APPENDIX C - MARKED-UP CLAIMS

1. (Amended) A method for performing an orthogonal code hopping multiplexing [communications] communication in a band spreading communications system, the method comprising [the step of]:

performing a statistical multiplexing for communication channels from a first communication station to second communication stations by an orthogonal code hopping multiplexing [communications] communication.

3. (Amended) The method [for orthogonal code hopping multiplexing communications as claimed in] of claim 1, further comprising [the step of]:

distinguishing the communication channels from the first communication station to the second communication stations with use of orthogonal code hopping patterns.

4. (Amended) The method [for orthogonal code hopping multiplexing communications as claimed in] of claim 2, further comprising [the step of]:

distinguishing the communication channels from the first communication station to the second communication stations with use of orthogonal code hopping patterns.

8. (Amended) The method of [for orthogonal code hopping multiplexing communications as claimed in] claim 3, further comprising [the step of]:

allocating the orthogonal code hopping pattern to the second communication stations [dedicatedly].

10. (Amended) The method of [for orthogonal code hopping multiplexing communications as claimed in] claim 3, further comprising [the step of]:

performing the orthogonal code hopping multiplexing for a channel from among the [channels which has] channel having a low transmission data activity.

11. (Amended) The method of [for orthogonal code hopping multiplexing communications as claimed in] claim 3, further comprising [the step of]:

transmitting a command for controlling transmission power of the second communication [stations] station with use of a separate common power control channel of the first communication station.

12. (Amended) The method [for orthogonal code hopping multiplexing communications as claimed in] of claim 11,[,]

wherein the transmission power control command of each second communication station in the common power control channel is time-multiplexed and employs a collision-resistant hopping pattern for preventing collision of the hopping pattern.

22. (Amended) The method [for orthogonal code hopping multiplexing communications as claimed in] of claim 14, further comprising [the step of]:

comparing despreading data symbols at a time of a hopping pattern collision caused by the random orthogonal code hopping patterns in order to transmit the data symbols [in case that] when all of the data symbols are the same.

23. (Amended) The method [for orthogonal code hopping multiplexing communications as claimed in] of claim 14, further comprising [the step of]:

comparing despreading data symbols at a time of a hopping pattern collision caused by the random orthogonal code hopping patterns in order to not [to] transmit the data symbols [in case that] when the data symbols are not the same.

24. (Amended) The method [for orthogonal code hopping multiplexing communications as claimed in] of claim 23, further comprising [the step of]:

increasing a transmission power of a data symbol next to the data symbols, which are not transmitted because of discordance of the despreading data symbols at a time of the hopping pattern collision.

36. (Amended) A method for band spreading communications in a band spreading communications system using orthogonal codes, the method comprising [the step of]:

dividing the orthogonal codes into a first orthogonal code symbol group for code division multiplexing and;

dividing the orthogonal codes into a second orthogonal code symbol group for statistical multiplexing owing to orthogonal code hopping.

37. (Amended) The method [for band spreading communications as claimed in] of claim 36, further comprising [the step of]:

performing the code division multiplexing by fixedly allocating the orthogonal code symbols in the first orthogonal code symbol group to a channel having a high data activity in communications.

38. (Amended) The method [for band spreading communications as claimed in] of claim 36, further comprising [the step of]:

performing an orthogonal code hopping multiplexing for a channel having a low data activity according to [the] an orthogonal code hopping pattern by using only the orthogonal code symbols in the second orthogonal code symbol group.